

Application brief SMRT Link

SMRT® Link software tools for PacBio® HiFi sequencing systems are designed to set up and monitor sequencing runs, review performance metrics, and analyze, visualize, and annotate sequencing data. SMRT Link is available for both local installation and cloud access, offering flexibility to work in different environments depending on your lab's needs. For details on required and supported SMRT Link versions, visit [PacBio Software Downloads](#).

	SMRT Link	SMRT Link Lite	SMRT Link Cloud
SMRT Link features			
Supported instruments¹	Revio®, Vega™, and Sequel® IIe	Revio, Vega, and Sequel IIe	Revio and Vega
Sample setup	✓	✓	✓
Run design	✓	✓	✓
Run monitoring	✓	✓	✓
Instrument monitoring	✓	✓	✓
Push-button secondary analysis (SMRT® Analysis)	✓	✗	✗
3rd party and PacBio Compatible Partners analysis	✓	✓	✓
API access	✓	✓	✗
Recommended data storage systems	User-provided solid-state drives (SSDs)		User-provided cloud storage: AWS S3 Azure Blob Storage Google Cloud Buckets Other S3-compatible storage
Installation requirements			
Hosting	On-premises; user-owned high performance computing hardware.		Hosted by PacBio in the cloud.
Minimum server requirements²	16 core (32 thread) CPU 64 GB RAM Linux OS	4 core CPU 16 GB RAM Linux OS	Cloud No server required
Server price range	\$5–10k	\$1–2k	N/A
Example use cases	PacBio users who need on-premises and secondary analysis PacBio solutions, and are able to manage their own server.	Service providers that hand off sequencing data to downstream users for analysis.	PacBio users who can utilize cloud-based services. Offers the benefits of SMRT Link Lite without the hardware requirements.

1. Multiple SMRT Link instances may be required for mixed fleets that include Sequel IIe and other systems. See pacb.com/software-downloads for details.

2. See instrument Site Preparation Guides for more details on server and network requirements.



Vega system



Revio system



Sequel IIe system

Data storage requirements

Estimated size per SMRT® Cell	30 GB (gigabytes)	60 GB (gigabytes)	100 GB (gigabytes)
Estimated annual storage needs (full capacity)	6 TB (terabytes)/year (200 runs/year * 30 GB/run)	78 TB (terabytes)/year (1300 runs/year * 60 GB/run)	20 TB (terabytes)/year (200 runs/year * 100 GB/run)



SMRT Link installers and documentation:
pacb.com/support/software-downloads/



SMRT Link Cloud FAQs:
pacb.com/SMRT-Link-Cloud-FAQs



Compatible partners for analysis:
pacb.com/secondary-tertiary-partners



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